EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	762	148/437.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/10 15:57
S2	1433	420/528,540,548,550.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/10 15:57
S3	2003	S1 or S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/10 15:57
S4	17	S3 and "recrystallized grain size"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/10 15:58
S5	124	S3 and fin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/10 15:58
S6	2	S4 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/10 15:58
S7	212	S3 and (fin or brazing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/10 15:58

S8	48	S7 and "grain size"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/10 15:58
S9	2	"2002161323"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/10 16:06
S10	3	"20040028940"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/05 14:59
S11	4	"2002090031"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/06 14:55
S12	36	"537764"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/06 15:06
S13	3	"05098376"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/06 15:09
S14	14	"3013548"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/06 15:22
S15	5	"03013548"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/06 15:22
S16	774	148/437.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 20:11

S17	1453	420/528,540,548,550.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 20:11
S18	2034	S16 or S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 20:12
S19	39	S18 and twin near (roll or belt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 20:12
S20	463	aluminum same (twin near (roll or belt))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 20:12
S21	243	S18 and continuous with cast$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 20:12
S22	5906	aluminum same continuous with cast$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 20:12
S23	1187	aluminum same (continuous with cast$5) same thick$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 20:13
S24	306	S23 same anneal$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/07 20:13
S25	1	"12488032"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/08 14:58

S26	2	"20030015573"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/15 15:58
S27	5	"2005002383"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/15 16:57
S28	5	"2005075691"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 14:27
S29	2	"20070113936"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/06/17 14:28
S30	6	("20030015573" | "20040028940" | "20050106410").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/26 12:02
S31	0	"10152922"	USPAT	OR	ON	2010/07/26 15:14
S32	7	"10152922"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/26 15:14
S33	154	(Akira near2 Kawahara).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/26 15:15
S34	22	S33 and brazing	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/26 15:15

S35	15	("20020043311" | "3989548" | "4325755" | "4511632" | "4614224" | "4906534" | "4929421" | "5476725" | "5669436" | "5714019" | "5833775" | "6165291" | "6280543").PN. OR ("6620265").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/26 15:16
S36	2	"20040028940"	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/26 15:21
S37	3	("4908184" | "6620265" | "6627330").PN. OR ("7018722").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/26 15:29
S38	15	("20020043311" | "3989548" | "4325755" | "4511632" | "4614224" | "4906534" | "4929421" | "5476725" | "5669436" | "5714019" | "5833775" | "6165291" | "6280543").PN. OR ("6620265").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/26 15:31
S39	4	"2003054242"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/26 15:46
S40	12	"1717327"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/26 15:50
S41	1	"20050199318"	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/26 16:04
S42	4	"2003044235"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/26 16:36
S43	2	"20050034793"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/26 16:37
S44	1	"10495118"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/26 17:14

S45	3	"9738145"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/26 17:26
S46	3	"05098376"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/26 17:28
S47	5	"03013548"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/26 17:39
S48	5	"2001001402"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/26 18:15
S49	2	"20010001402"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/26 18:15
S50	15	"4126487"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/26 18:19
S51	498	148/552,696.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 16:24
S52	43	S51 and (braz$4 or fin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 16:25

S53	58	("3787248" | "3930895" | "4028141" | "4111721" | "4151013" | "4151896" | "4235646" | "4238248" | "4260419" | "4269632" | "4282044" | "4318755" | "4334935" | "4407679" | "4411707" | "4424084" | "4441933" | "4498523" | "4517034" | "4526625" | "4582541" | "4589932" | "4605448" | "4614224" | "4614552" | "4626294" | "4637842" | "4645544" | "4718948" | "4753685" | "4855107" | "4861388" | "4872921" | "4929285" | "4976790" | "4988394" | "5061327" | "5089490" | "5104459" | "5104465" | "5106429" | "5110545" | "5133402" | "5156683" | "5192378" | "5356495" | "5362341" | "5469912" | "5470405" | "5496423" | "5514228" | "5681405" | "5833775" | "5976279" | "5985058" | "5993573" | "6120621").PN. OR ("6579387").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 17:36
S54	14	S53 and (second with intermediate with anneal$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 17:40
S55	15	("20020043311" | "3989548" | "4325755" | "4511632" | "4614224" | "4906534" | "4929421" | "5476725" | "5669436" | "5714019" | "5833775" | "6165291" | "6280543").PN. OR ("6620265").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 17:48
S56	498	148/552,696.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 18:26
S57	25	S56 and ((second or plural) with intermediate with anneal $4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 18:26

S58	11	"5380379"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 18:28
S59	1680	148/437,549-552,696.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 19:25
S60	1462	420/528,540,548,550.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 19:25
S61	2910	S59 or S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 19:25
S62	45	S61 and ((second or plural) with intermediate with anneal $4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 19:25
S63	290	S61 and (braz$4 or fin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 19:26
S64	11	S62 and (braz$4 or fin)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 19:26
S65	5	"2005002383"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 19:32
S66	1	"11996836"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/07/28 20:04

S67	16	"3917151"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/21 16:00
S68	2	"20050034793"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/21 16:12
S69	2	"2004170061"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/22 15:05
S70	7	"5336341"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/22 15:09
S71	16	"3917151"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/22 15:13
S72	10	"3945860"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/22 15:15
S73	13	"2221660"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/22 15:18
S74	21	"3490955"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/22 15:19
S75	2	"2004176091"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/09/24 18:01

S76	1	"11996836"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/12/21 15:24
S77	1705	148/437,549-552,696.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/14 15:32
S78	1476	420/528,540,548,550.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/14 15:32
S79	2946	S77 or S78	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/14 15:32
S82	161	aluminum.ti,ab. and ((second or plural) with intermediate with anneal$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/14 15:50
S89	1	"11996836"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/14 16:19
S97	5	"2005060790"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/10 16:48
S98	1	"11996836"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/06/10 17:37
S99	2	"11996836"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/17 18:54

S100	5	"2005002383"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/17 19:19
S101	12	"2553910"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/17 19:30
S102	3	"20050034793"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/17 19:31
S103	2	"20030015573"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/17 19:32
S104	3	"20040209105"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/17 19:36
S105	2	"10587568"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/17 19:42
S106	1746	148/437,549-552,696.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/17 20:44
S107	1509	420/528,540,548,550.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/17 20:44
S108	3013	S106 or S107	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/17 20:44

S109	48	S108 and ((second or plural) with intermediate with anneal $4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/17 20:44
S110	52	(fin or brazing) and ((second or plural) with intermediate with anneal$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/17 20:45
S111	5	S108 and (wind$4 with rolls) and (intermediate with anneal $4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/10/17 20:48
S124	15	"5725695"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/14 20:36
S125	19	"5833775"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/14 20:36
S126	19	"5976279"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/11/14 20:36
S127	1751	148/437,549-552,696.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/12/01 19:10
S128	1511	420/528,540,548,550.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/12/01 19:10
S129	3020	S127 or S128	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/12/01 19:10

S130	861	S129 and (si or silicon) and (fe or iron) and (mn or manganese) and (zn or zinc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/12/01 19:10
S131	166	S130 and (fin or braz$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/12/01 19:10
S132	7958	(al or aluminum).ti. and (si or silicon) and (fe or iron) and (mn or manganese) and (zn or zinc)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/12/01 19:11
S133	1210	S132 and (fin or braz$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/12/01 19:11
S134	81	S133 and recrystallized	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/12/01 19:11
S135	152	S130 and recrystallized	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/12/01 19:11
S136	32	S131 and recrystallized	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/12/01 19:12
S147	19	"5976279"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/12/01 19:36
S148	19	"5833775"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/12/01 19:37

| S149 | 15 | "5725695" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/12/01 19:37 |

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S83	950	148/437,549-552,696.ccls.	USPAT; UPAD	OR	ON	2011/01/14 15:50
S84	807	420/528,540,548,550.ccls.	USPAT; UPAD	OR	ON	2011/01/14 15:50
S85	1560	S83 or S84	USPAT; UPAD	OR	ON	2011/01/14 15:50
S86	33	S85 and ((second or plural) with intermediate with anneal$4)	USPAT; UPAD	OR	ON	2011/01/14 15:50
S87	20	(fin or brazing) and ((second or plural) with intermediate with anneal$4)	USPAT; UPAD	OR	ON	2011/01/14 15:51
S88	62	aluminum.ti,ab. and ((second or plural) with intermediate with anneal$4)	USPAT; UPAD	OR	ON	2011/01/14 15:51
S90	957	148/437,549-552,696.ccls.	USPAT; UPAD	OR	ON	2011/02/23 18:06
S91	809	420/528,540,548,550.ccls.	USPAT; UPAD	OR	ON	2011/02/23 18:06
S92	1567	S90 or S91	USPAT; UPAD	OR	ON	2011/02/23 18:06
S93	1567	S90 or S91	USPAT; UPAD	OR	ON	2011/02/23 18:06
S112	971	148/437,549-552,696.ccls.	USPAT; UPAD	OR	ON	2011/10/17 20:44
S113	817	420/528,540,548,550.ccls.	USPAT; UPAD	OR	ON	2011/10/17 20:44
S114	1585	S112 or S113	USPAT; UPAD	OR	ON	2011/10/17 20:44
S115	34	S114 and ((second or plural) with intermediate with anneal$4)	USPAT; UPAD	OR	ON	2011/10/17 20:44
S116	21	(fin or brazing) and ((second or plural) with intermediate with anneal$4)	USPAT; UPAD	OR	ON	2011/10/17 20:44
S117	64	aluminum.ti,ab. and ((second or plural) with intermediate with anneal$4)	USPAT; UPAD	OR	ON	2011/10/17 20:44
S118	971	148/437,549-552,696.ccls.	USPAT; UPAD	OR	ON	2011/10/17 20:47

S119	817	420/528,540,548,550.ccls.	USPAT; UPAD	OR	ON	2011/10/17 20:47
S120	1585	S118 or S119	USPAT; UPAD	OR	ON	2011/10/17 20:47
S121	1	S120 and (wind$5 with rolls) same (intermediate with anneal $4)	USPAT; UPAD	OR	ON	2011/10/17 20:47
S122	578	aluminum.ti,ab. and (intermediate with anneal$4)	USPAT; UPAD	OR	ON	2011/10/17 20:47
S123	2	S120 and (wind$5 with rolls) and (intermediate with anneal$4)	USPAT; UPAD	OR	ON	2011/10/17 20:48
S137	972	148/437,549-552,696.ccls.	USPAT; UPAD	OR	ON	2011/12/01 19:12
S138	817	420/528,540,548,550.ccls.	USPAT; UPAD	OR	ON	2011/12/01 19:12
S139	1586	S137 or S138	USPAT; UPAD	OR	ON	2011/12/01 19:12
S140	510	S139 and (si or silicon) and (fe or iron) and (mn or manganese) and (zn or zinc)	USPAT; UPAD	OR	ON	2011/12/01 19:12
S141	100	S140 and (fin or braz$4)	USPAT; UPAD	OR	ON	2011/12/01 19:12
S142	1559	(al or aluminum).ti. and (si or silicon) and (fe or iron) and (mn or manganese) and (zn or zinc)	USPAT; UPAD	OR	ON	2011/12/01 19:12
S143	245	S142 and (fin or braz$4)	USPAT; UPAD	OR	ON	2011/12/01 19:12
S144	33	S143 and recrystallized	USPAT; UPAD	OR	ON	2011/12/01 19:13
S145	92	S140 and recrystallized	USPAT; UPAD	OR	ON	2011/12/01 19:13
S146	21	S141 and recrystallized	USPAT; UPAD	OR	ON	2011/12/01 19:13

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